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PTO/SB/05 (08-00) (modified)

Approved for use through 9/30/2001, OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

<b>NEW UTILITY PATENT APPLICATION TRANSMITTAL</b> <i>(only for new nonprovisional applications under 37 CFR 1.53(b))</i>	<b>Attorney Docket Number</b>	21192-06625
	<b>First Named Inventor</b>	Tommy K. Eng
	<b>Title</b>	CREATING OPTIMIZED PHYSICAL IMPLEMENTATIONS FROM HIGH-LEVEL DESCRIPTIONS OF ELECTRONIC DESIGN USING PLACEMENT-BASED INFORMATION
	<b>Express Mail Label No.</b>	EL734639304US

J1040 U.S. PTO  
10/040852  
12/28/01

APPLICATION ELEMENTS	ACCOMPANYING APPLICATION PARTS
1. <input checked="" type="checkbox"/> Fee Transmittal Form (in duplicate)	7. <input type="checkbox"/> Assignment Papers (cover sheet & document(s))
2. <input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27	8. <input type="checkbox"/> Certified Copy of Priority Document(s) <i>(if foreign priority is claimed)</i>
3. <input checked="" type="checkbox"/> Specification <b>Total Pages</b> <u>46</u> <i>(preferred arrangement set forth below)</i>	9. <input type="checkbox"/> Power of Attorney or Authorization of Agent
<input type="checkbox"/> Descriptive Title of the Invention	10. <input type="checkbox"/> 37 CFR 3.73(b) Statement
<input type="checkbox"/> Cross Reference(s) to Related Case(s)	11. <input type="checkbox"/> Preliminary Amendment
<input type="checkbox"/> Statement Regarding Fed sponsored R & D	12. <input type="checkbox"/> Information Disclosure Statement & PTO-1449 <input type="checkbox"/> Copies of IDS Citation(s)
<input type="checkbox"/> Background of the Invention	13. <input type="checkbox"/> Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent
<input type="checkbox"/> Brief Summary of the Invention	14. <input checked="" type="checkbox"/> Return Postcard
<input type="checkbox"/> Brief Description of the Drawing(s)	15. <input type="checkbox"/>
<input type="checkbox"/> Detailed Description	16. <input type="checkbox"/>
<input type="checkbox"/> Claim or Claims	17. <input type="checkbox"/>
<input type="checkbox"/> Abstract of the Disclosure	
4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) <b>Total Sheets</b> <u>14</u>	
5. Oath or Declaration	
a. <input type="checkbox"/> New Declaration <b>Total Pages</b> <u>2</u> <input type="checkbox"/> Executed (original or copy)	
b. <input checked="" type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) <i>(for continuation/divisional with Box 18 completed)</i>	
i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).	
6. <input checked="" type="checkbox"/> Application Data Sheet. See 37 CFR 1.76	
	<b>ADDRESS TO:</b> <b>Box Patent Application</b> <b>Commissioner for Patents</b> <b>Washington, DC 20231</b>

Please enter

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18. If a **CONTINUING APPLICATION**, check appropriate box and supply the requisite information below and in a preliminary amendment or in an Application Data Sheet under 37 CFR 1.76:

☒ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No: 09/634,927

Prior application information: Examiner: Thuan V. Do Group/Art Unit: 2825

**For CONTINUATION OR DIVISIONAL APPS only:** The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuing or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 19. CORRESPONDENCE ADDRESS

☒ Customer Number and Bar Code  
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<b>Name (Print/Type)</b>	Neil F. Valore	<b>Registration No. (Attorney/Agent)</b>	42,833
<b>Signature</b>		<b>Date</b>	December 28, 2001